

## C203

```
class Performer:  
    def __init__(self, name: str, age: int):  
        self._name = name  
        self._age = age  
  
    def get_name(self):  
        return self._name  
  
    # def set_name(self):  
    #     self._name = ''  
  
    def get_age(self):  
        return self._age
```

```
from main import Performer  
class Singer:  
    def __init__(self, name: str, age: int, vocal_range: str):  
        self._name = name  
        self._age = age  
        self._vocal_range = vocal_range  
  
    def get_vocal_range(self):  
        return f'{self._vocal_range}'  
    def get_name(self):  
        return f'{self._name}'  
    def get_age(self):  
        return f'{self._age}'  
  
    def sing(self):  
        print(f'{self._name} is singing with a {self._vocal_range}.')
```

```
from main import Performer  
class Dancer:  
    def __init__(self, name: str, age: int, dance_style: str):  
        self._name = name  
        self._age = age  
        self._dance_style = dance_style  
  
    def get_dance_style(self):  
        return self._dance_style  
  
    def dance(self):  
        print(f'{self._name} is performing {self._dance_style} dance')
```

## C203

```
from main import Performer
from singer import Singer
from dancer import Dancer

def set_name():
    _name = 'John'

if __name__ == '__main__':
    Performer1 = Performer("John", 25)
    Dancer1 = Dancer("Emily", 28, "Ballet" )
    Singer1 = Singer("Linda", 35, "Soprano")
    print(f"{Performer1.get_name()} {Performer1.get_age()}")
    print(f"{Dancer1._name} {Dancer1._age} {Dancer1.get_dance_style()}")
    Dancer1.dance()

    print(f"{Singer1.get_name()} {Singer1.get_age()}")
    print(f"{Singer1.get_vocal_range()}")
    Singer1.sing()
```

## Output

```
C:\Users\COMLAB\PycharmProjects\pyt
John 25
Emily 28 Ballet
Emily is performing Ballet dance
Linda 35 Soprano
Linda is singing with a Soprano.
|
Process finished with exit code 0
```